

## PATENT ABSTRACTS OF JAPAN

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## (54) IC CARD AND IC CARD SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an IC card and IC card system capable of preventing IC card data from being illegally obtained.

SOLUTION: A CPU 1 unidirectionally adds or subtracts a specified value to/from additional data stored in an EEPROM 4 each time a piece of instruction data is received from a terminal device IFD. Moreover, the CPU 1 adds the added or subtracted additional data to the instruction data, allows a specific secret key to encipher the instruction data with these addition data added, and makes them data which are transmitted and received on a communication means.

